

STATE OF ALASKA

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF ENVIRONMENTAL QUALITY
P. O. BOX O, JUNEAU, ALASKA 99811-1800

STEVE COWPER, GOVERNOR

TELEPHONE
(907) 465-2666

June 9, 1989

7/23/89
APB

CERTIFIED MAIL
RETURN RECEIPT
REQUESTED
#P 085 965 030

RECEIVED
JUN 12 1989

A00-JUNEAU

Mr. Kevin C. Myers
Permits Director
Prudhoe Bay and Lisburne
ARCO Alaska, Inc.
PO Box 100360
Anchorage, AK 99510-1215

RE: Prevention of Significant Deterioration Permit Application for Prudhoe Bay
Flow Station 2

Dear Mr. Myers:

On May 30, 1989, the Department of Environmental Conservation received your response to my letter dated April 27, 1989, concerning the Air Quality Control Permit to Operate for the Prudhoe Bay Flow Station 2. The application describes a proposed modification of the existing facility which consists of the addition of three Solar Type H gas-fired turbines, each rated at 5400 horsepower.

My staff has indicated that your application and response are very thorough and well presented. Further clarification of two issues is required before we can declare the application complete.

1. Emission data for the proposed Solar turbines

- a. Please provide the manufacturer's estimated particulate matter emission rates (pound per hour) and exhaust volume concentrations (ppm), at the nominal load plus the percent margin, based on the type of fuel you plan to burn; and
- b. the nominal load in Hp and the percent margin used as the basis for the emission factors listed in item 1a of your response

USEPA REG



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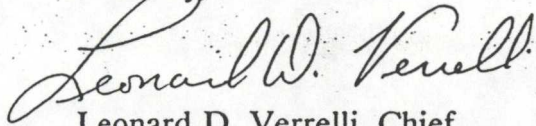
Mr. Kevin C. Myers

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June 9, 1989

If you have any questions, please contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Leonard D. Verrelli". The signature is fluid and cursive, with the first name "Leonard" being more prominent.

Leonard D. Verrelli, Chief
Air Quality Management Section

cc: Pete McGee, NRO
S. W. Hungerford, CO
Kathy Pazera, EPA AOO